

EASTMAN KODAK COMPANY -- 162 0509 RP X-OMAT DEVELOPER REPLENISHER, WORKING SOLUTION -- 6525-01-423-2146

===== Product Identification =====

Product ID:162 0509 RP X-OMAT DEVELOPER REPLENISHER, WORKING SOLUTION

MSDS Date:04/23/1997

FSC:6525

NIIN:01-423-2146

Kit Part:Y

MSDS Number: CFLGY

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:

14650

Country:US

Info Phone Num:716-477-3194 MSDS :800- 242-2424

Emergency Phone Num:716-722-5151

CAGE:19139

=== Contractor Identification ===

Company Name:EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST

Box:City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Phone:716-722-5151/(800) 242-2424

CAGE:19139

Company Name:EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

Address:800 LEE RD

Box:City:ROCHESTER

State:NY

ZIP:14650-3129

Country:US

Phone:800-828-6203

CAGE:5K871

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==== Composition/Information on Ingredients =====

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 85-90%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SULFITE  
CAS:10117-38-1  
RTECS #:WT3530000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)  
CAS:123-31-9  
RTECS #:MX3500000  
Fraction by Wt: 3%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ACETIC ACID,POTASSIUM SALT/POTASSIUM ACETATE  
CAS:127-08-2  
RTECS #:AJ3325000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:GLUTARALDEHYDE-BIS-POTASSIUM BISULFITE  
CAS:68310-08-7  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

==== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health

Hazards Acute and Chronic:INHAL:EXPECTED TO BE LOW HAZ FOR  
RECOMMENDED HNDLG.EYES:CAUSES IRRIT.SKIN:CAUSES IRRIT.MAY CAUSE  
ALLERGIC SKIN RX.INGEST:HARMFUL IF SWALLOWED.MAY CAUSE IRRIT OF  
GASTROINTESTINAL TRACT.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY  
CLASSIFICATION:IARC/ACGIH/NTP/OSHA:NONE.

Effects of Overexposure:EYE IRRIT, SKIN IRRIT, ALLERGIC SKIN REACTION,  
HARMFUL IF INGESTED, IRRIT OF GASTROINTESTINAL TRACT.

Medical Cond Aggravated by Exposure:NONE SPECI  
FIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHAL:MOVE TO FRESH AIR.TREAT SYMPTOMATICALLY.SYMPTOMS OCCUR  
GET MED ATTN.EYES:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST  
15MINS.GET MED ATTN.SKIN:IMMED FLUSH W/PLENTY OF WATER.WASH  
W/NON-ALKALINE(ACID) TYP SKIN CLNR.IRRIT/ALLERGIC SKIN RX DVLPS GET  
MED ATTN.REMOVE CONTAM CLOTH/SHOES.INGEST:DRINK 1-2 GLASSES OF  
WATER.SEEK MED ATTN.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.

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===== Fire Fighting Measures =====

Flash Point:NONE,NON-COMBUST  
Autoignition Temp:Autoignition Temp Text:NP  
Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS  
DECOMPOSITION PRODUCTS.  
Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:FLUS  
H TO SEWER W/LG AMTS OF WATER.OTHERWISE  
ABSORB W/VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN  
CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE  
RESIDUAL CONTAMINATION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID EYE/SKIN/CLOTH CONTACT.USE  
W/ADEQU VENTI.ROUTINE USE OF NONALKALINE(ACID)TYP HNDCLNR/REG  
WORKSURF/GLOVE/ETC CLEANING MIN SKIN RX.KE

EP CNTNR CLSD

Other Precautions:KEEP AWAY FRM INCOMPAT SUBST.MODERATELY ACIDIC AQU  
SOLN.PROPERTIES:LOW BIOCHEM OXY DEMAND,LITTLE POT TO CAUSE OXY  
DEPLETION IN AQU SYS,HI POT TO AFFECT SOME AQUATIC ORGANISMS,HIGH  
POT TO AFFECT 2ND WA STE TREAT MICROBIAL METABOLISM,(SUPPLEM)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:USE GOOD GEN VENTI(TYP 10 AIR CHANGES/HR).MATCH VENTI RATES  
W/CONDITIONS.USE PROCE

SS ENCLSR,LOC EXHA VENTI,OTHER (SUPPL)

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, GOGGLES.

Other Protective Equipment:EYEBATH, WASHING FACILITIES, SAFETY  
SHOWER.PROTECTIVE CLOTHING APPROPRIATE FOR RISK OF EXPOSURE.

Work Hygienic Practices:WASH CONTAM CLOTH BEF REUSE;DESTROY/CLEAN WELL  
CONTAM SHOES.WASH THOROUGHLY AFT HNDLG.

Supplemental Safety and Health

OTHER PRECAUT:LOW POT TO AFFECT GERM &/OR EARLY GROWTH OF SOME  
PLANTS,LOW POT TO PERSIST IN  
ENVIRO,LOW POT TO BIOCONCEN.

VENTI:ENGINEER CNTRL TO MAINTAIN AIRBORNE LEVEL BEL RECOMMENDED  
EXPO LIMITS. 2- PART KIT,PNIND:A,B;KEY1=C4.TO MAKE 200 GALLONS.

===== Physical/Chemical Properties =====

HCC:B3

Boiling Pt:>100.C, 212.F

B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:1.082

pH:10.3

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:COMPLETE

Appearance and

Odor:LIQUID, YELLOW COLOR, SLIGHT ODORLESS

Percent Volatiles by Volume:85-90

Corrosion Rate:NP

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,  
SULFUR DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISCHARGE/TREATMENT/DISPO MAY BE SUBJ  
TO

NAT/STATE/LOC LAWS.FLUSH TO SEWER W/LG AMTS OF WATER.CHEM SUBJ TO  
REPORTING REQMTS OF SEC 313 TITLE III SARA/40CFR372:HYDROQUINONE.

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